

ECS Configuration Change Request

Page 1 of 1 Page(s)

1. Originator Mac McDonald	2. Log Date: 10/7/98	3. CCR #: 98-1080	4. Rev:	5. Tel: x0364	6. Off: 2056	7. Org. SED
8. Title of Change: Add Capabilities for Bulk Volume Group Assignment						
9. Originator Signature <i>Mac McDonald</i>	10. Date: 10/7/98	11. Class II	12. Type: CCR	13. Need Date: 10/8/98		
14. Office Manager Signature <i>Set</i>	15. Date: 10/7/98	16. Date CCB Decision Needed:	17. Category of Change: Other	18. Priority: Routine		
19. Documentation/Drawings Impacted: Capabilities in Verification Database		20. Schedule Impact:		21. CI(s) Affected: SDSRV, STMGT		
22. Release Affected: 4PY		23. Date due to Customer:	24. Impl. Date: 10/98	25. Effectivity of Change: 4PY	26. Est. Cost None	
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other:						
28. Description of Change: (use additional Sheets if necessary) <i>10/25 10/25</i>						
29. Proposed Solution: (use additional sheets if necessary) Add the following new Capabilities to the ECS Verification Database: 1) SDSRV Capability 2300; Use ESDT short name plus version ID as logical archive ID 2) STMGT Capability 2680; Script assignment of logical archive ID to physical volume group (see file ccrCap.xls for Capabilities details and file ccrFeat.xls for Feature mapping)						
30. Alternate Solution: (use additional sheets if necessary) Manual entry of each ESDT for registration						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) Lack of flexibility for future reassignment of volume groups without a major burden on operations.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input checked="" type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input checked="" type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input checked="" type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input checked="" type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input checked="" type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To: <i>ESDIS</i>		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>[Signature]</i> 10/8/98		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

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ADDITIONAL SHEET

CCR #: 98-1080

Rev:

Originator: Mac McDonald

Telephone: x0364

Office: 2056

Title of Change: Add Capabilities for Bulk Volume Group Assignment

SDSRV will continue to pass to STMGT three archive IDs. However, the make-up of the archive IDs will become "serverkey:esdtname.version".

For example: "SGI1_OPS:MOD01.001" (primary archive ID)
"SGI2_OPS:MOD01.001" (back-up archive ID)

SDSRV GUI will work like today, except the operator will only enter the server key instead of a complete archive ID. SDSRV will automatically generate the remainder. An operator can filter on portions of the esdt name (e.g., to pick the modis ones); and can select multiple esdts for assignment to a single set of archive ids (now server keys).

The SDSRV esdt install script allows for the specification of the archive IDs; the operator/installer will now specify the server keys instead. The script will be modified so it no longer looks up the server key in the SDSRV configuration file (this was an error, as it does not support multiple archive servers). For a given set of archive IDs (now server keys), the script can take multiple esdt names as input.

STMGT looks up the physical volume group / AMASS path name based on the archive ID (now essentially the esdt shortname + version). STMGT will be able to distinguish between back-up and off-site archive IDs (e.g., it may append "B" and "O" to the back-up and off-site archive ID prior to looking up vol group - details are TBD).

STMGT will provide a bulk load capability in which an operator can assign a single physical volume group / AMASS path name to a group of archive IDs (now esdt name+version). STMGT will be able to accept input of back-up and off-site vol groups / path on that occasion, as well. For example, the bulk input may need to include esdt names+version + "B" / "O" for those esdt which require back-up and off-site vol groups -- details are TBD).

Note that the back-up and off-site requirements will have to be specified redundantly to both SDSRV and STMGT (i.e., if an ESDT was specified with back-up archive ID in the SDSRV loading, the operator better provide primary and back-up volgroups during installation of archive IDs into STMGT).

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